

## CLAIMS:

1. A light-guiding assembly for vehicle roofs comprising:
  - a plurality of glass sheets (1, 2),
  - an interlayer (3) of a polymeric laminating material interposed between the glass sheets (1, 2),
  - 5 - light-coupling means (5) for coupling light into the light-guiding assembly,
  - the light coupled into the interlayer (3) being guided substantially through the interlayer (3).
2. A light-guiding assembly as claimed in claim 1, characterized in that the  
10 refractive index of the interlayer (3) is higher than the refractive index of the glass sheets (1, 2).
3. A light-guiding assembly as claimed in claim 2, characterized in that the refractive index of the interlayer (3) is higher than 1.57.
- 15 4. A light-guiding assembly as claimed in claim 1, characterized in that a refractive layer (8; 9) of a material with a refractive index lower than the refractive index of the interlayer (3) is provided between the glass sheets (1, 2) and the interlayer (3), adjacent the interlayer (3).
- 20 5. A light-guiding assembly as claimed in claim 4, characterized in that the refractive index of the refractive layer (8, 9) is lower than 1.50.
6. A light-guiding assembly as claimed in claim 4, characterized in that the  
25 refractive index of the interlayer (3) and the refractive index of the glass sheets (1, 2) are approximately the same.

7. A light-guiding assembly as claimed in claim 1, 2 or 4, characterized in that the light-coupling means (5) are adapted to couple the majority of the light into the interlayer (3).
- 5 8. A light-guiding assembly as claimed in claim 1, 2 or 4, characterized in that the light-guiding assembly is provided with a recess (10), the recess (10) being adapted to receive the light-coupling means (5).
9. A light-guiding assembly as claimed in claim 1, 2 or 4, characterized in that  
10 one of the glass sheets is made of a light-absorbing material.
10. An automotive vehicle roof comprising a light-guiding assembly as claimed in claim 1, 2 or 4.
- 15 11. An automotive vehicle roof as claimed in claim 9, characterized in that the vehicle roof is substantially translucent.